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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,529	03/23/2004	Reginia Chan	02MICRO 98.01 CON3	2510
41066	7590	05/19/2006	EXAMINER	
WAGNER, MURABITO & HAO, LLP TWO NORTH MARKET STREET, THIRD FLOOR SAN JOSE, CA 95113			PEYTON, TAMMARA R	
			ART UNIT	PAPER NUMBER
			2182	
DATE MAILED: 05/19/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/806,529

Applicant(s)

CHAN ET AL.

Examiner

Tammara R. Peyton

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 23-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 23-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | - Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 23-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Koo*, (US 6,006,337), as cited as Prior art dated 3/23/04.

2. As per claims 23, 24, 26, 27 and 30, *Koo* teaches a method for playing audio CDs in a computer system comprising the steps of:

- an integrated circuit comprising state machine circuitry capable of generating one or more signals to operate a CD-ROM drive and play audio CDs, said integrated further comprising circuitry capable of selectively coupling or isolating a digital computer bus and said CD-ROM drive. (Abstract, col.4, lines 49-col.6, lines 1-4)

Koo teaches of selectively isolating said CD-ROM drive and a computer bus (system bus, 21 or , Fig.1). Examiner is taking the position that said CD-ROM is isolated from the computer bus when switch 52 (Fig.1) is selected. Specifically, *Koo* teaches supplying power only to a CD-ROM system comprising compact disk drive controller,

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49, compact disk drive 48 and audio circuit, 45. When switch 52 is selected the CD-ROM system alone is energized therein the CD-ROM system is electrically isolated or coupled from system bus, 21. Applicant argues that Koo does not teach that the CD-ROM system alone is energized and therefore the CD-ROM system is electrically isolated from the system bus. However, this claim limitation it is presented in alternative language requiring one "or" the other be found not necessarily both. Therefore, Examiner is taking the position that Koo wherein the CD-ROM system is electrically isolated or coupled to system bus, 21. Further, applicant argues that Koo "leaves open the possibility that power to some of the computer system is still supplied", pg. 5, Examiner is unsure why Applicant believes that Koo does not teach wherein switch 52 allows for the CD-ROM system to be is electrically isolated ~~or~~ coupled from system bus, 21. Further, Applicant claim invention does not specifically teach that power to some of the computer system is not still supplied. Applicant claimed invention states an integrated circuit is capable of computer selectively coupling or isolating said CD-ROM drive and a computer bus. Further, Applicant argues that Koo is silent in respect to "any single integrated circuit"; however, Examiner does not understand why Applicant believes that Koo's system (Figs.2-6) is not integrated on a single motherboard. Also, it would have been to one of ordinary skill at the time the invention was made the use of an integrated circuit as "a one piece construction instead of the structure disclosed in Koo would be merely a matter of obvious engineering choice", would not depart from Koo's inventive concept. *In re Larson*, 340 F.2d 965, 968, 144, USPQ 347.349 (CCPA 1965)

4. As per claim 25 and 28, Koo teaches a method further comprising the step of providing interface switches (51 or 52) to control the operation of said CD-ROM drive. (Fig.2)

5. As per claim 29, Koo teaches wherein the bus comprises a PCI bus. (Fig.5)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tammara Peyton whose telephone number is (571) 272-4157. The examiner can normally be reached between 6:30 - 4:00 from Monday to Thursday, (I am off every first Friday), and 6:30-3:00 every second Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Popovici Dov can be reached on (571) 272-4083. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-2100.

Mailed responses to this action should be sent to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231.

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Faxes for Official/formal (After Final) communications or for informal or draft communications (please label "PROPOSED" or "DRAFT") sent to:

(571) 273-8300

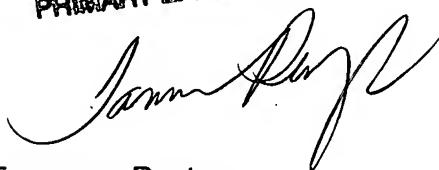
Hand-delivered responses should be brought to:

USTPO, Randolph Building, Customer Service Window

401 Dulany Street

Alexandria, VA 22314.

TAMMARA PEYTON
PRIMARY EXAMINER

A handwritten signature in black ink, appearing to read 'Tammara Peyton', written over the printed name and title.

Tammara Peyton

3/21/06